

**Amendments to the Specification:**

Please replace the paragraph beginning on page 15, line 7 with the following replacement paragraph:

Now, in Fig. 4, consider the case in which the target driving torque is changed from the second target value  $T_{tar2}$  to the first target value  $T_{tar1}$  at timing  $c$  while the accelerator pedal stroke  $\alpha$  is larger than zero, i.e. while the vehicle is accelerating. At timing  $c$ , the first target value  $T_{tar1}$  is calculated from the accelerator pedal stroke  $\alpha$  and the vehicle speed  $No$ , and the target is changed from the second target value  $T_{tar2}$  to the first target value  $T_{tar1}$ . In this case, the intention of the driver to accelerate is given priority, and therefore the target value is changed instantaneously. Also, a time constant of about 200 milliseconds or less can be set at which the feeling of acceleration is not deteriorated.